

Application No.: 10/702330

Case No.: 58950US002

Amendments to the Claims:

The following Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) An anchored fiber optic cable and housing assembly, comprising:
a fiber optic cable comprising a strength member, and a jacket around said strength member, and a plurality of optical fibers in said jacket, wherein said fiber optic cable includes a first end and a second end;
an anchor including a first end and a second end, wherein said cable is mounted in said anchor such that said first end of said anchor lies toward said first end of said cable, and wherein said strength member includes a first end extending from said first end of said cable and structurally engaged with said anchor, and said jacket includes a first flap extending from said first end of said anchor and wherein said flap extends over said anchor from said first end of said anchor in the direction towards said second end of said anchor; and
a housing, said housing comprising an anchor cavity and a cable inlet, said anchor cavity comprising a shoulder for engaging with said anchor, wherein said anchor is mounted in said housing cavity and said cable extends through said cable inlet, and wherein said anchor cavity shoulder is engaged with said anchor to prevent said anchor from exiting said housing through said cable inlet.
2. (Cancelled)
3. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said plurality of optical fibers comprises a ribbon arrangement.
4. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said strength member comprises a plurality of filaments.
5. (Original) The anchored fiber optic cable and housing assembly of claim 4, wherein said filaments comprise aramid filaments.

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6. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said anchor comprises a slot open to said second end of said anchor, and wherein said strength member is structurally engaged with said slot.

7. (Cancelled)

8. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[7]] 1, wherein said jacket further includes a second flap extending from said first end, and wherein said second flap extends over said anchor from said first end of said anchor in the direction towards said second end.

9. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[7]] 1, wherein said strength member extends over at least a portion of said first flap, such that said first flap is between said outside of said anchor and said strength member.

10. (Cancelled)

11. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said housing comprises a fiber optic fan-out assembly.

12. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said housing comprises a fiber optic shuffle.

13. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said housing comprises an optical connector.

14. (Cancelled)

15. (Cancelled)

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16. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said optical fibers may move transversely within said jacket without significantly adversely affecting the signal transmitting capability of said optical fibers.
17. (Currently amended) The anchored fiber optic cable and housing assembly of claim [[2]] 1, wherein said housing comprises an optical fiber outlet, and wherein said anchor cavity is configured to prevent said anchor from exiting through said optical fiber outlet.
18. (Currently amended) An anchored fiber optic cable assembly, comprising:
a fiber optic cable comprising a strength member, ~~and~~ a jacket around said strength member, and a plurality of optical fibers in said jacket, wherein said cable includes a first end and a second end;
an anchor including a first end and a second end, wherein said cable is mounted in said anchor such that said first end of said anchor lies toward said first end of said cable, and wherein said strength member includes a first end extending from said first end of said cable and structurally engaged with said anchor, and said jacket includes a first flap extending from said first end of said anchor and wherein said flap extends over said anchor from said first end of said anchor in the direction towards said second end of said anchor.
19. (Cancelled)
20. (Currently amended) The anchored fiber optic cable assembly of claim [[19]] 18, wherein said plurality of optical fibers comprises a ribbon arrangement.
21. (Currently amended) The anchored fiber optic cable assembly of claim [[19]] 18, wherein said strength member comprises a plurality of filaments.
22. (Original) The anchored fiber optic cable assembly of claim 21, wherein said filaments comprise aramid filaments.

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23. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[19]]~~ 18, wherein said anchor comprises a slot open to said second end of said anchor, and wherein said strength member is structurally engaged with said slot.

24. (Cancelled)

25. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[24]]~~ 18, wherein said jacket further includes a second flap extending from said first end, and wherein said second flap extends over said anchor from said first end of said anchor in the direction towards said second end.

26. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[19]]~~ 18, wherein said housing comprises a fiber optic fan-out assembly.

27. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[19]]~~ 18, wherein said housing comprises a fiber optic shuffle.

28. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[19]]~~ 18, wherein said housing comprises an optical connector.

29. (Cancelled)

30. (Currently amended) The anchored fiber optic cable assembly of claim ~~[[19]]~~ 18, wherein said optical fibers may move transversely within said jacket without significantly adversely affecting the signal transmitting capability of said optical fibers.

31. (Currently amended) A method of anchoring a fiber optic cable in a housing, wherein said cable comprises a strength member and a jacket around the strength member, and wherein said

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housing comprises an anchor cavity, a cable inlet, and an optical fiber outlet, said method comprising the steps of:

mounting an anchor on the cable jacket at the first end of the cable, wherein said jacket includes a first flap extending from a first end of said anchor and wherein said flap extends over said anchor from said first end of said anchor in the direction towards a second end of said anchor;

structurally engaging the strength member with the anchor;

thereafter mounting the anchor in the cavity of the housing such that the cable extends through the cable inlet of the housing, wherein the anchor and housing are configured such that the anchor cannot exit through the cable inlet.

32. (Original) The method of claim 31, wherein said fiber optic cable further comprises a plurality of optical fibers in the jacket.

33. (Original) The method of claim 32, further comprising the step of forming a flap in the first end of the cable, and after the placing step, folding the flap along the outside of the anchor.

34. (Original) The method of claim 32, wherein the mounting step can be accomplished without the use of tools.

35. (Original) The method of claim 32, wherein the mounting step can be accomplished without crimping.